

FIG.1 PRIOR ART

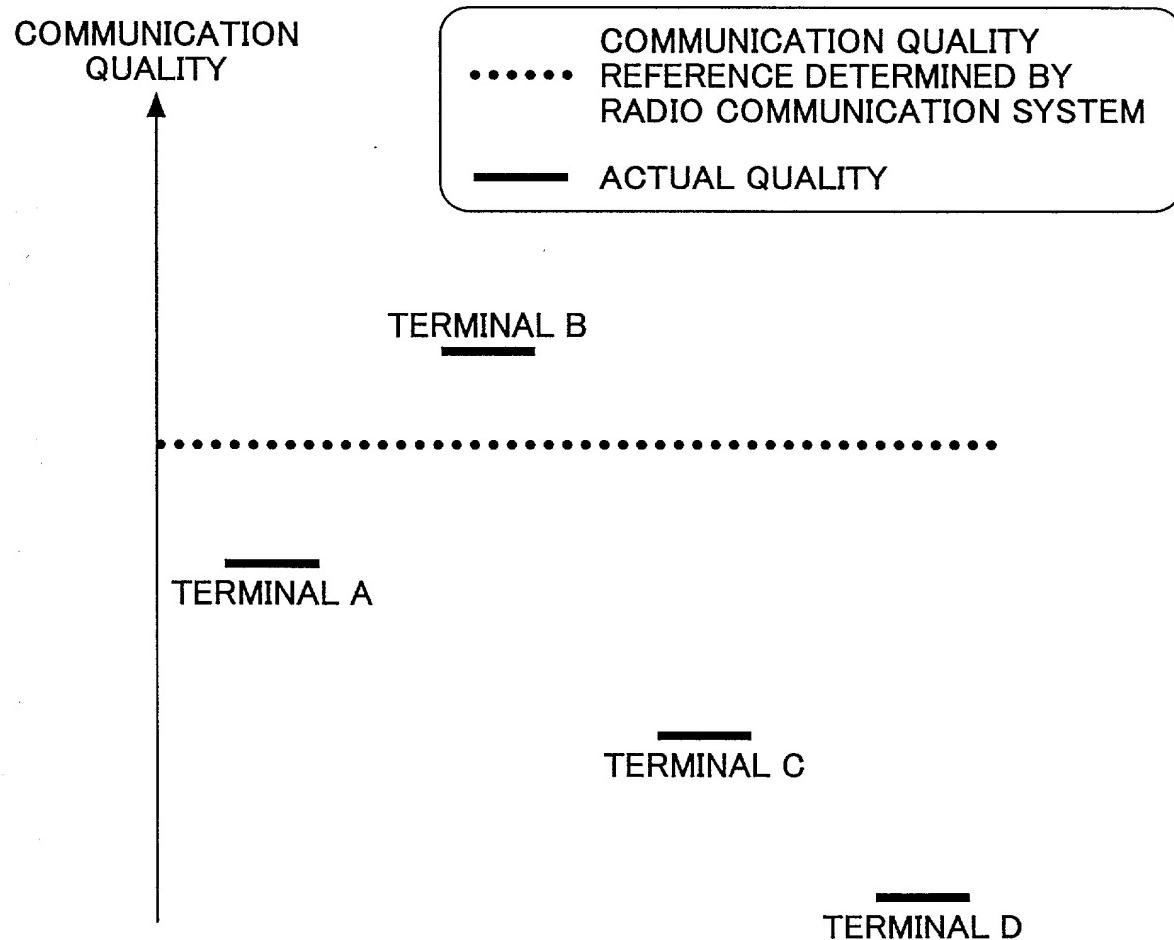


FIG.2 PRIOR ART

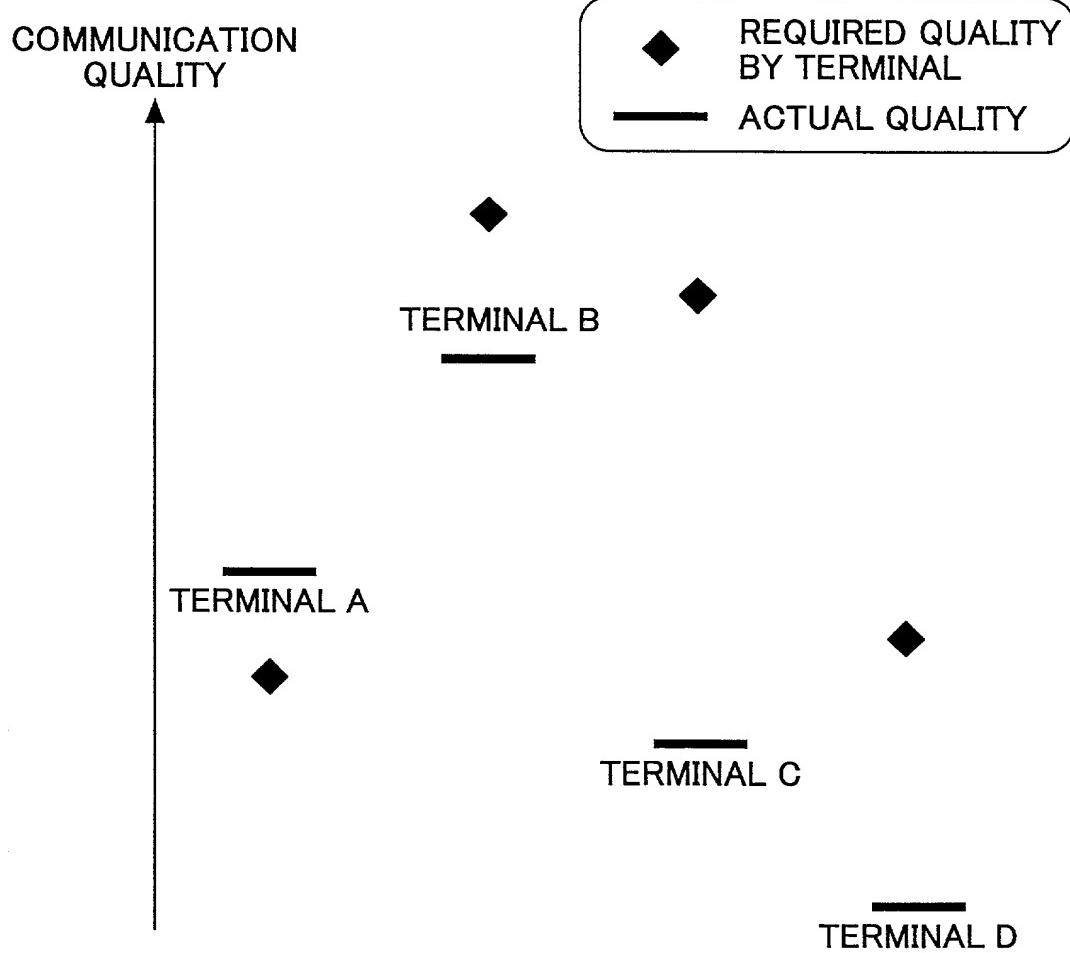


FIG. 3

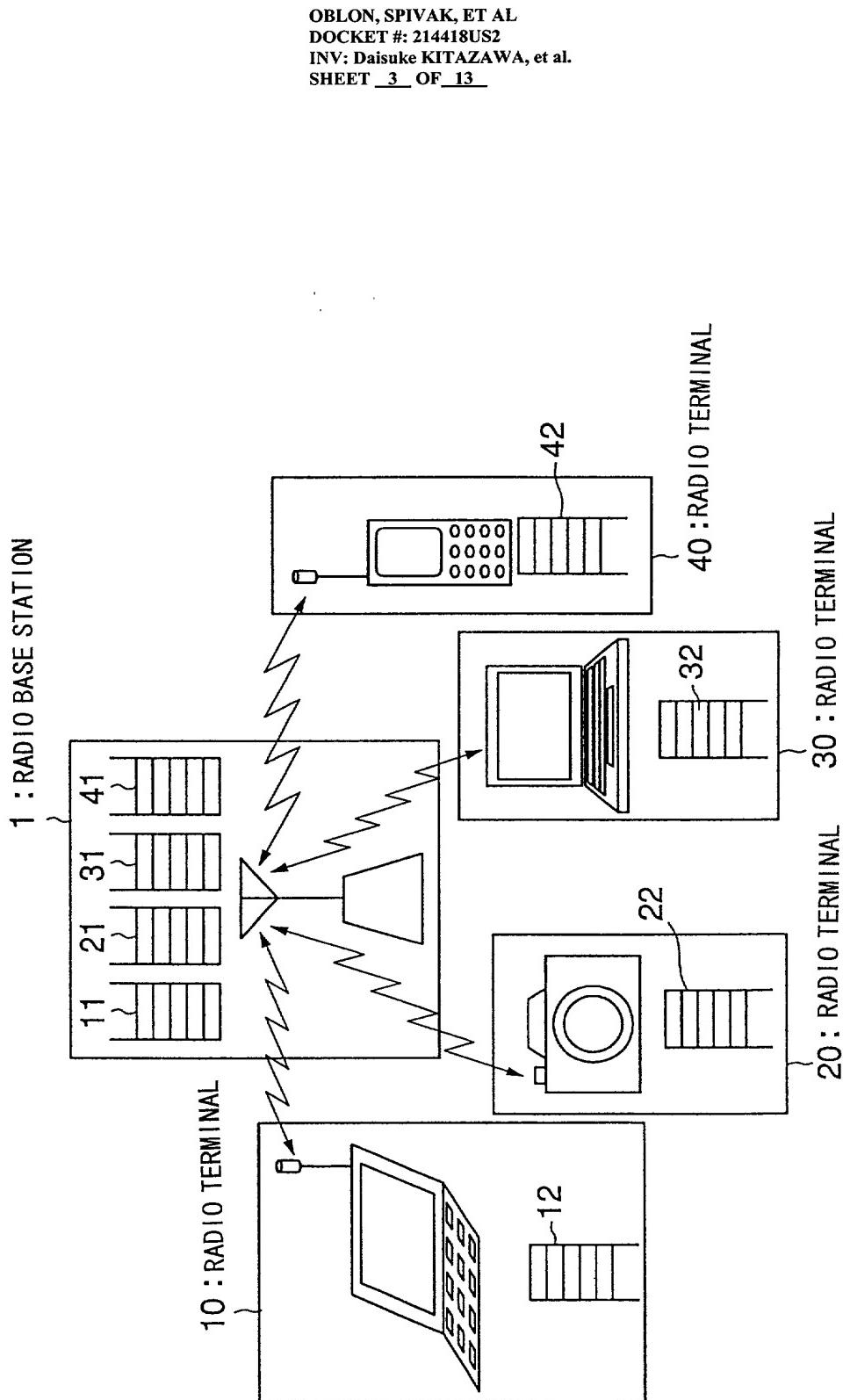


FIG.4

1

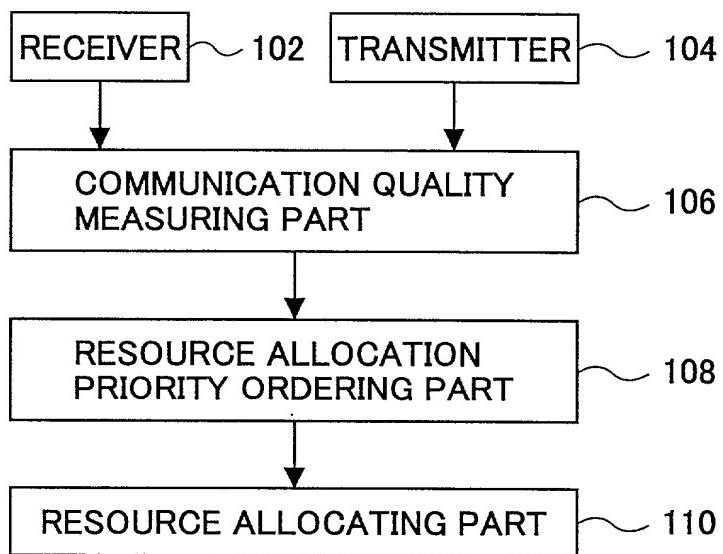


FIG.5

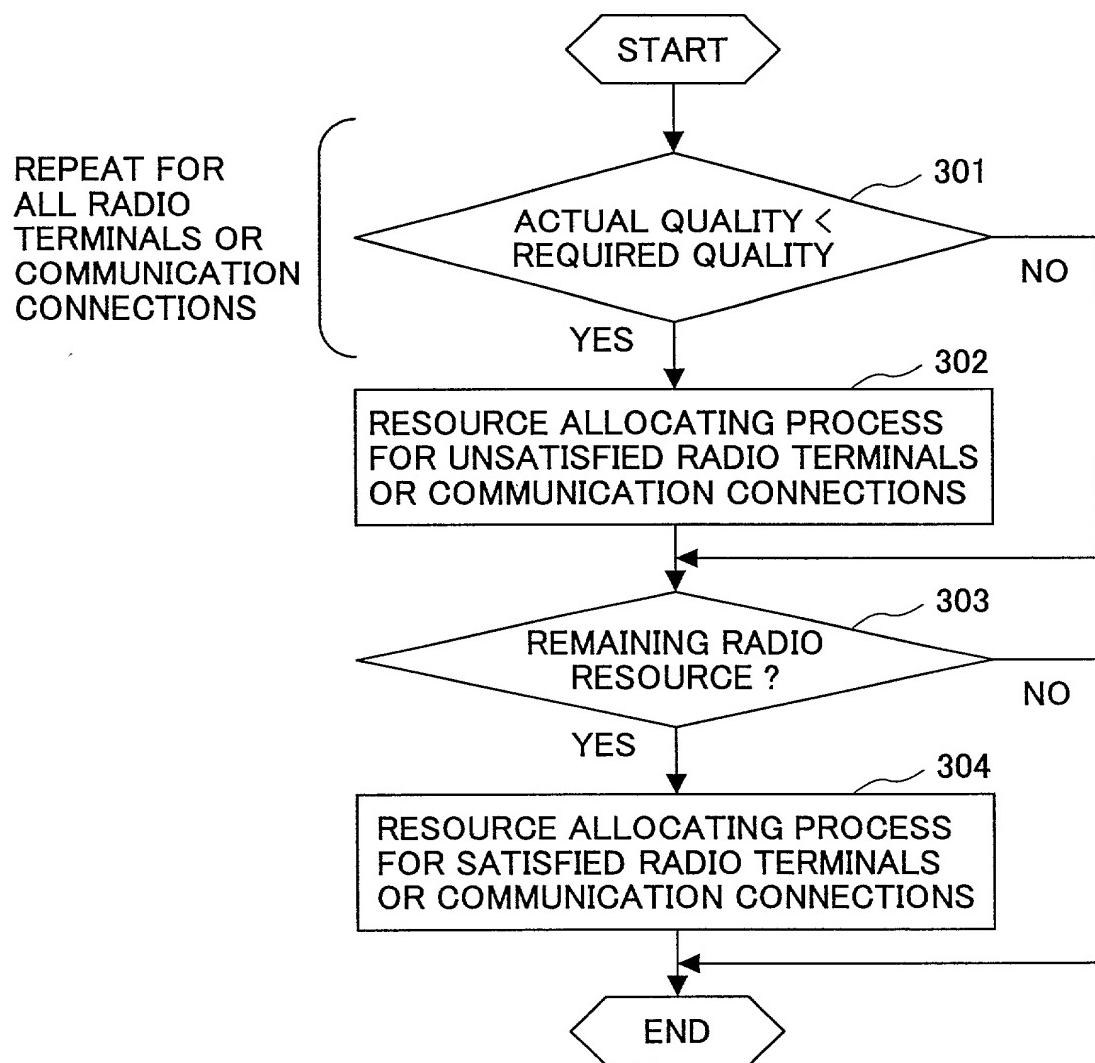


FIG.6

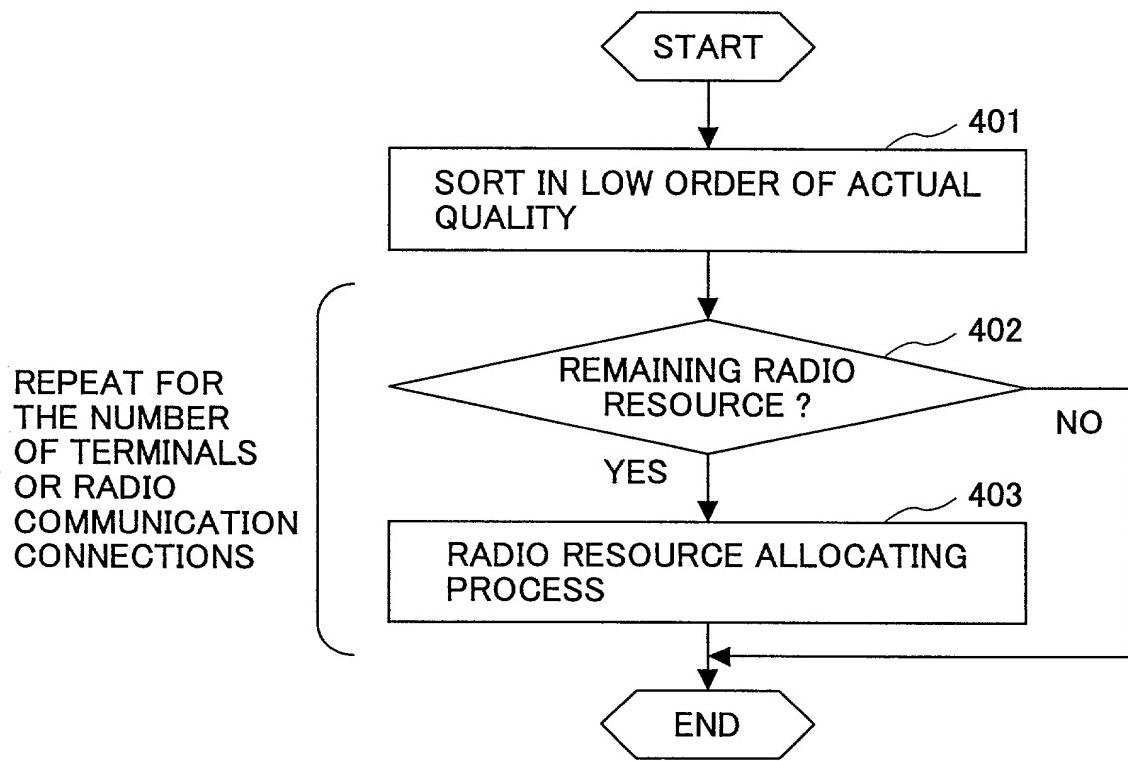


FIG.7

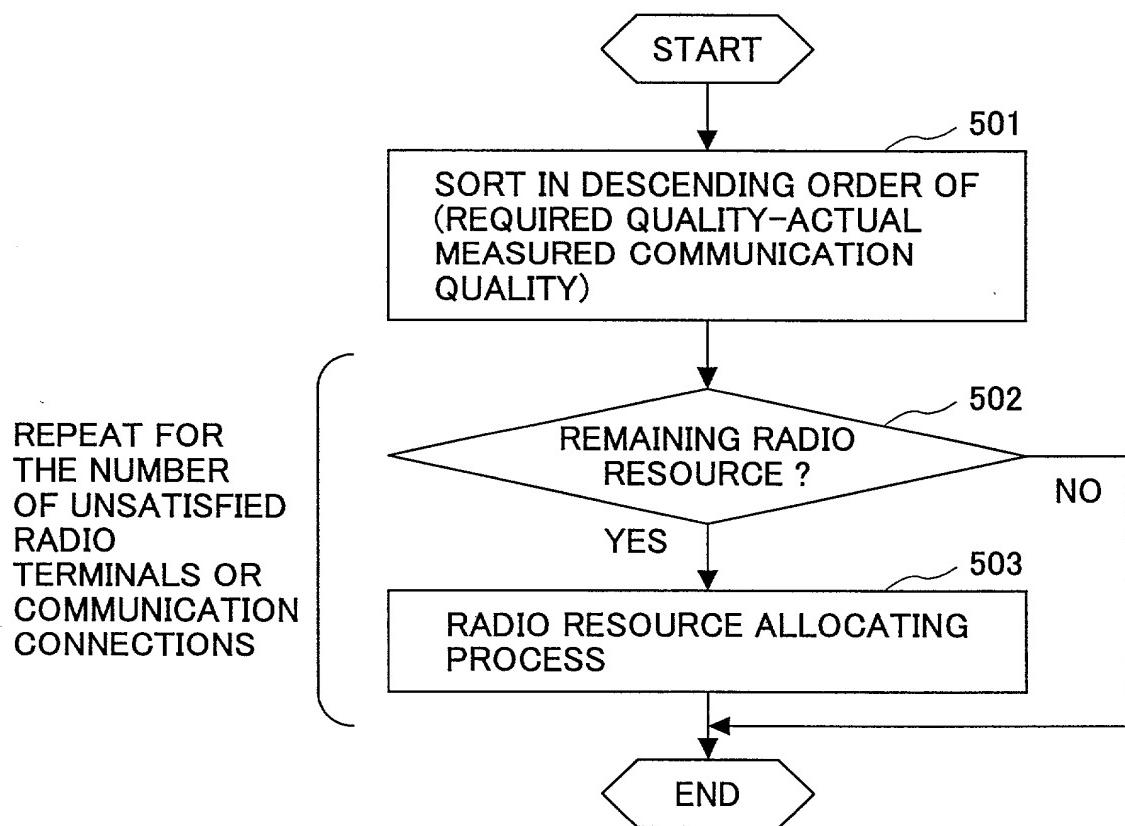


FIG.8

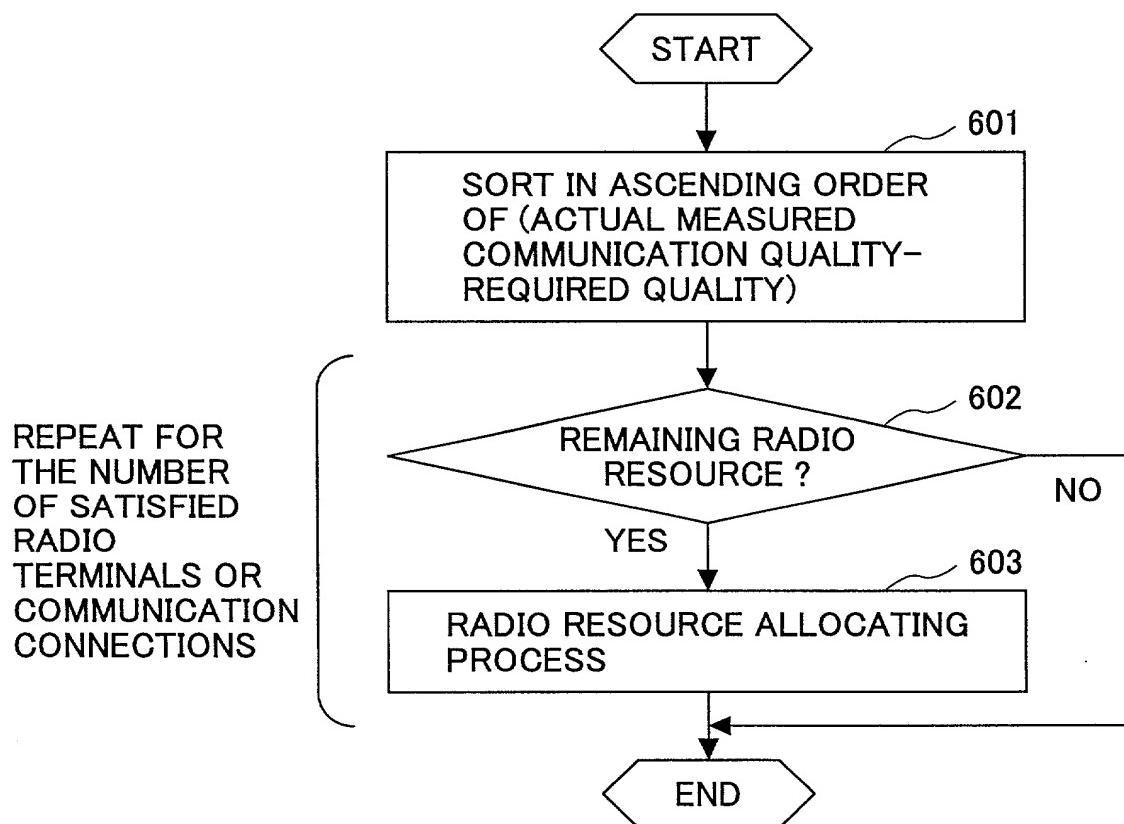


FIG.9

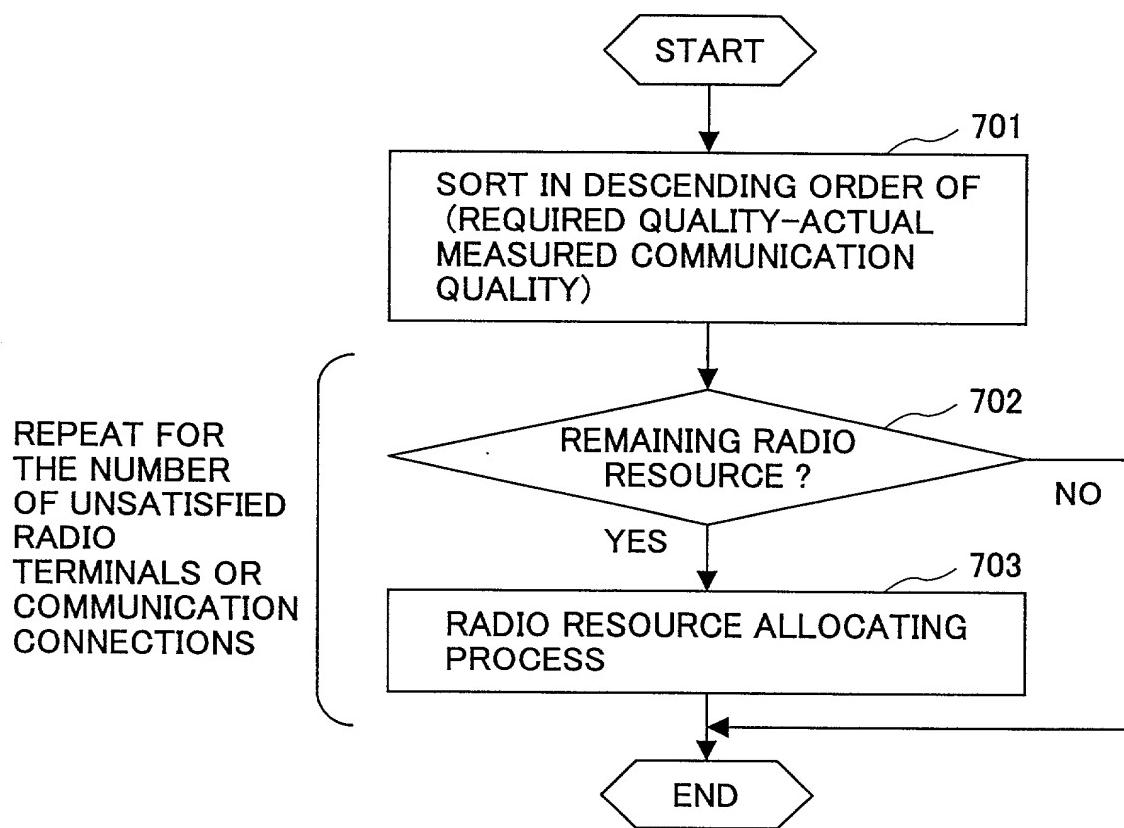


FIG.10

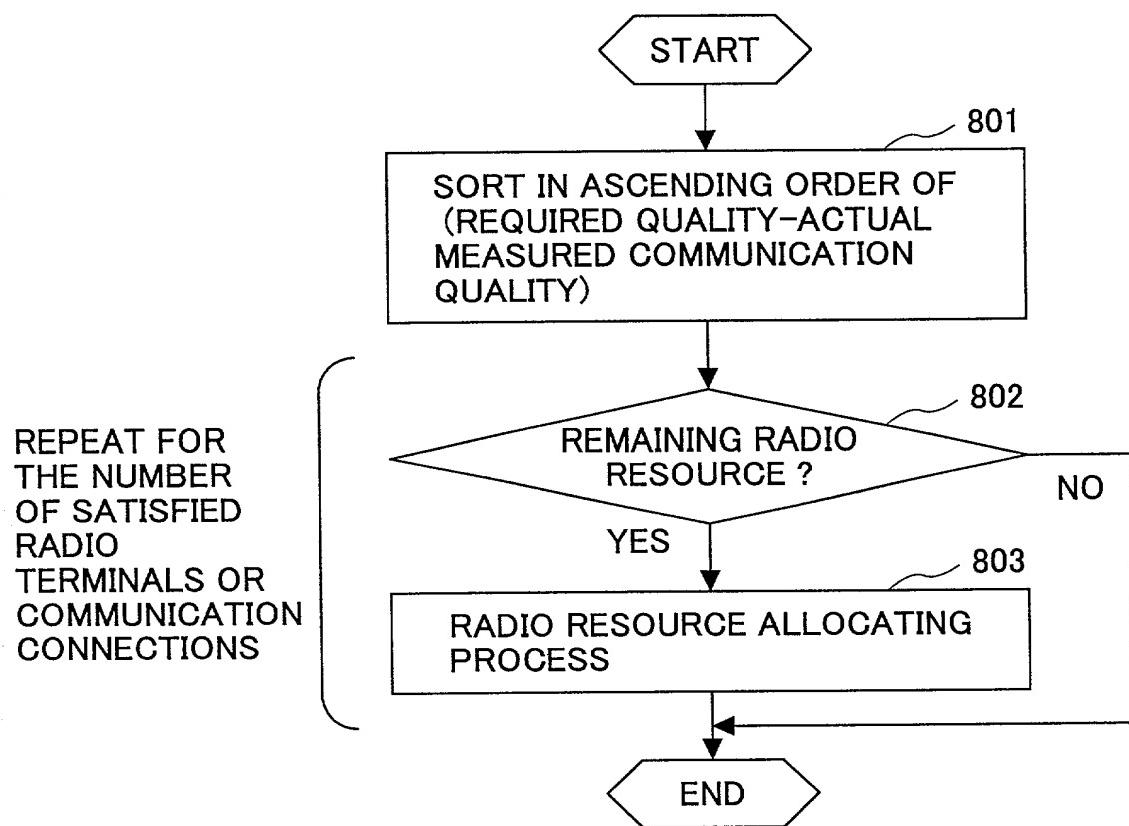


FIG. 11

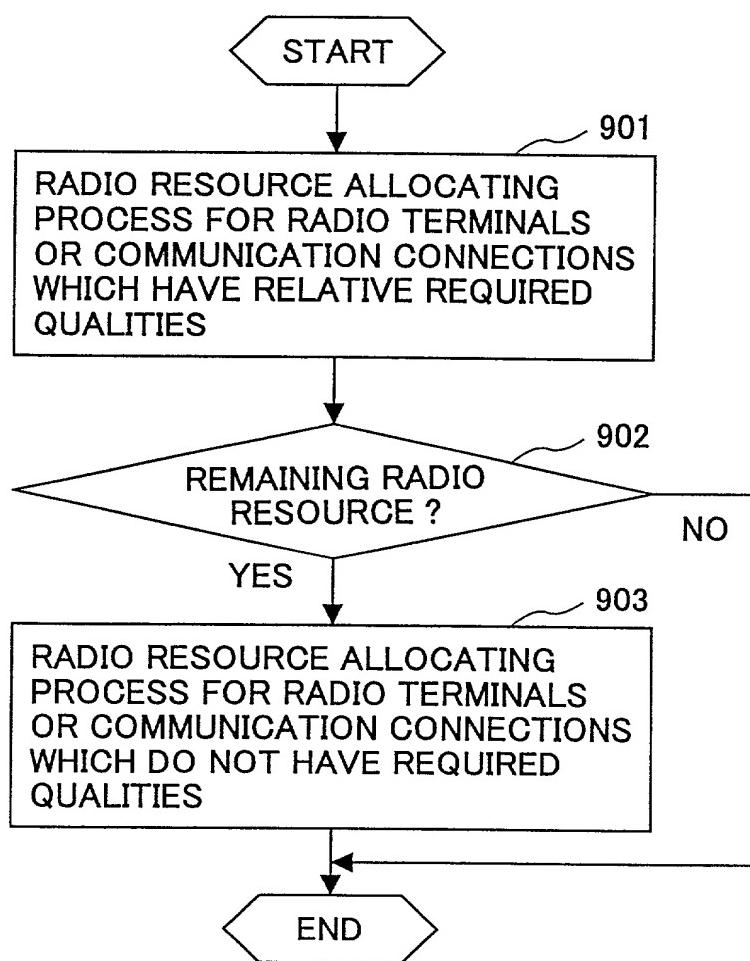


FIG.12

TERMINAL	DELAY TIME			
	REQUIRED Dth	ACTUAL D	D-Dth	D-Dth /Dth
A	100 [msec]	70 [msec]	30 [msec]	30 [%]
B	10 [sec]	18 [sec]	8 [sec]	80 [%]
C	1000 [sec]	1004 [sec]	4 [sec]	0.4 [%]
D	1 [msec]	2 [msec]	1 [msec]	100 [%]
E	25 [msec]	23 [msec]	2 [msec]	8 [%]
F	2 [sec]	0.5 [sec]	1.5 [sec]	75 [%]
G	600 [msec]	620 [msec]	20 [msec]	3.33 [%]
H	50 [msec]	49 [msec]	1 [msec]	2 [%]

FIG.13

TERMINAL	DELAY TIME			
	REQUIRED Dth	ACTUAL D	D-Dth	D-Dth /Dth
A	100 [msec]	70 [msec]	30 [msec]	30 [%]
B	10 [sec]	18 [sec]	8 [sec]	80 [%]
C	1000 [sec]	1004 [sec]	4 [sec]	0.4 [%]
D	1 [msec]	2 [msec]	1 [msec]	100 [%]
E	25 [msec]	23 [msec]	2 [msec]	8 [%]
F	2 [sec]	0.5 [sec]	1.5 [sec]	75 [%]
G	600 [msec]	620 [msec]	20 [msec]	3.33 [%]
H	50 [msec]	49 [msec]	1 [msec]	2 [%]

FIG.14

THROUGHPUT				
TERMINAL	REQUIRED VALUE Sth	ACTUAL VALUE S	Sth-S	Sth-S /Sth
A	128 [kbps]	100 [kbps]	28 [kbps]	21.9 [%]
B	1 [Mbps]	700 [kbps]	300 [kbps]	30 [%]
C	64 [kbps]	60.8 [kbps]	3.2 [kbps]	5 [%]
D	8 [kbps]	13.2 [kbps]	5.2 [kbps]	65 [%]
E	32 [kbps]	36.9 [kbps]	4.9 [kbps]	15.3 [%]
F	2 [Mbps]	1.5 [Mbps]	0.5 [Mbps]	25 [%]
G	256 [kbps]	280 [kbps]	24 [kbps]	9.4 [%]
H	16 [kbps]	10.7 [kbps]	5.3 [kbps]	33.1 [%]

FIG.15

THROUGHPUT				
TERMINAL	REQUIRED VALUE Sth	ACTUAL VALUE S	S-St	S-St /Sth
A	128 [kbps]	100 [kbps]	28 [kbps]	21.9 [%]
B	1 [Mbps]	700 [kbps]	300 [kbps]	30 [%]
C	64 [kbps]	60.8 [kbps]	3.2 [kbps]	5 [%]
D	8 [kbps]	13.2 [kbps]	5.2 [kbps]	65 [%]
E	32 [kbps]	36.9 [kbps]	4.9 [kbps]	15.3 [%]
F	2 [Mbps]	1.5 [Mbps]	0.5 [Mbps]	25 [%]
G	256 [kbps]	280 [kbps]	24 [kbps]	9.4 [%]
H	16 [kbps]	10.7 [kbps]	5.3 [kbps]	33.1 [%]